

SAFETY DATA SHEET

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NGHS / English



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1. IDENTIFICATION

Product identifier

Product Name Boost Oxygen

Other means of identification

Product Code(s) 1379365

Recommended use of the chemical and restrictions on use

Recommended Use Compressed gas

Restrictions on use No information available

Details of the supplier of the safety data sheet

Supplier Identification Boost Oxygen LLC

Address 92 Woodmont Road
Milford
CT
06460
US

Telephone Phone :203-331-8100
Fax: 203-331-8600

E-mail accountingdept@boostoxygen.com

Emergency telephone number

INFOTRAC
800-535-5053

Company Emergency Phone Number 203-619-9616



2. HAZARDS IDENTIFICATION

Classification

Oxidizing gases	Category 1
Gases under pressure	Compressed Gas

Appearance Colorless

Physical state Compressed Gas

Odor Odorless

GHS Label elements, including precautionary statements

Danger

Hazard statements

May cause or intensify fire; oxidizer

Contains gas under pressure; may explode if heated



Precautionary Statements - Prevention

Keep/Store away from clothing/ combustible materials

Precautionary Statements - Response

Fire

In case of fire: Remove product if safe to do so.

Precautionary Statements - Storage

Store in a well-ventilated place

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Com					
Chemical Name	Identifiers	%	LD50/LC5	Classifications According to Regulation/Directive	Comment
Oxygen	CAS:7782-44-7 EC Number:231-956- 9	> 95.0%	NDA	EU DSD/DPD: Annex I - O; R8 EU CLP: Annex VI - Ox. Gas 1 H270; Press. Gas - Comp., H280 OSHA HCS 2012: Ox. Gas 1; Press Gas. - Comp.	NDA
Maximum Impurities		< 0.5%		WHMIS: EU DSD/DPD : EU	NDA

Mixture

The product contains no substances which at their given concentration, are considered to be hazardous to health.

4. FIRST AID MEASURES

First aid measures

Inhalation	First aid is not expected to be necessary if material is used under normal conditions and as recommended.
Eye contact	First aid is not expected to be necessary if material is used under normal conditions and as recommended.
Skin contact	First aid is not expected to be necessary if material is used under normal conditions and as recommended.
Ingestion	First aid is not expected to be necessary if material is used under normal conditions and as recommended.

Most important symptoms and effects, both acute and delayed

Symptoms	Refer to section 11 – Toxicological Information
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Indication of any immediate medical attention and special treatment needed

Note to physicians	All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use extinguishing agent suitable for type of surrounding fire. SMALL FIRES: Dry chemical or CO ₂ . LARGE FIRES: Water spray or fog.
Unsuitable extinguishing media	DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.
Specific hazards arising from the chemical	Containers may explode when heated. Ruptured containers may rocket.
Hazardous Combustion Products	No data available
Special protective equipment for fire-fighters	Structural firefighters' protective clothing provides limited protection in fire situations. Move cans from fire area if you can do it without risk.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Do not use, or store, above 120F
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7. HANDLING AND STORAGE

Advice on safe handling	Contents under pressure. Do not cut, weld, puncture or incinerate containers.
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Conditions for safe storage, including any incompatibilities

Storage Conditions Store in a cool, dry, well-ventilated place. Protect cans against physical damage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits/ Guidelines Currently there are no applicable exposure limits established for this material.

Appropriate engineering controls

Engineering controls Good general ventilation should be used.

Individual protection measures, such as personal protective equipment

Eye/face protection No special protective equipment required.

Skin and body protection No special protective equipment required.

Respiratory protection No special protective equipment required.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Material Description			
Physical Form	Gas	Appearance/ Description	Colorless, odorless gas
Color	Colorless	Odor	Odorless
Odor Threshold	Data Lacking		
General Properties			
Boiling Point	-183 C (-297.4 F)	Melting Point	-218.8 C (-361.84 F)
Decomposition Temperature	Data Lacking	pH	Data lacking
Specific Gravity/ Relative Density	1.105 Water= 1 @ 21.1 C (69.98 F)	Density	1.326 kg/m ³ @32 F (0 C)
Water Solubility	0.0491 % @ 0 C (32 F)	Viscosity	Not Relevant
Explosive Properties	Data Lacking	Oxidizing Properties	Oxidizing gas
Volatility			
Vapor Pressure	2L-260 psig, 5L/ 10L- 215 psig	Vapor Density	1.105 Air= 1
Evaporation Rate	Not Relevant		
Flammability			
Flash Point	Not Relevant	UEL	Not Relevant
LEL	Not Relevant	Autoignition	Not Relevant
Flammable (Solid, gas)	Not Flammable		
Environmental			
Octano/ Water Partition coefficient	Not Relevant		

10. STABILITY AND REACTIVITY

Reactivity	No additional physical and chemical parameters noted.
Chemical stability	Stable under normal conditions and pressures.
Possibility of Hazardous Reactions Conditions to avoid	Hazardous polymerization will not occur. Excessive heat.
Incompatible materials	None known based on information supplied.
Hazardous Decomposition Products	Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Under normal conditions of use, no health effects are expected.
Eye contact	Under normal conditions of use, no health effects are expected.
Skin contact	Under normal conditions of use, no health effects are expected.
Ingestion	Under normal conditions of use, no health effects are expected.

Information on toxicological effects

Symptoms	Under normal conditions of use, no health effects are expected.
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Numerical measures of toxicity

Acute Toxicity	Under normal conditions of use, no health effects are expected.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Under normal conditions of use, no health effects are expected.
Serious eye damage/eye irritation	Under normal conditions of use, no health effects are expected.
Respiratory or skin sensitization	Under normal conditions of use, no health effects are expected.
Germ cell mutagenicity	Under normal conditions of use, no health effects are expected.
Carcinogenicity	Under normal conditions of use, no health effects are expected.
Reproductive toxicity	Under normal conditions of use, no health effects are expected.
STOT - single exposure	Under normal conditions of use, no health effects are expected.
STOT - repeated exposure	Under normal conditions of use, no health effects are expected.
Aspiration hazard	Under normal conditions of use, no health effects are expected.

12. ECOLOGICAL INFORMATION

Toxicity	Oxygen occurs naturally in the atmosphere. The gas will be dissipated in rapidly in well ventilated areas.
Ecotoxicity	The environmental impact of this product has not been fully investigated.
Persistence and degradability	No information available.
Bioaccumulation potential	No information available.
Mobility	No information available.
Other adverse effects	No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused products	Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
Contaminated packaging	Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
US EPA Waste Number	D001
California Waste Codes	141

14. TRANSPORT INFORMATION

DOT

UN-No.	UN1950
Proper Shipping Name	AEROSOLS
Hazard Class	2.2
Subsidiary class	5.1
Packaging Group	LTD-QTY
Description	UN1950, AEROSOLS, 2.2 (5.1), LTD- QTY
Emergency Response Guide Number	122

TDG

UN-No.	UN1950
Proper Shipping Name	AEROSOLS
Hazard Class	2.2
Subsidiary class	5.1
Description	UN1950, AEROSOLS, 2.2 (5.1), LTD- QTY

MEX

UN-No.	UN1950
Proper Shipping Name	AEROSOLS
Hazard Class	2.2
Subsidiary class	5.1
Description	UN1950, AEROSOLS, 2.2 (5.1), LTD- QTY

ICAO

UN-No.	UN1950
Proper Shipping Name	AEROSOLS
Hazard Class	2.2
Subsidiary class	5.1
Description	UN1950, AEROSOLS, 2.2 (5.1), LTD- QTY

IATA

UN-No.	UN1950
Proper Shipping Name	AEROSOLS
Hazard Class	2.2
Subsidiary class	5.1
ERG Code	2X
Description	UN1950, AEROSOLS, 2.2 (5.1), LTD- QTY

IMDG/IMO

UN-No.	UN1950
Proper Shipping Name	AEROSOLS
Hazard Class	2.2
Subsidiary class	5.1
EmS-No.	F-C, S-W
Description	UN1950, AEROSOLS, 2.2 (5.1), LTD- QTY

RID

UN-No.	UN1950
Proper Shipping Name	AEROSOLS
Hazard Class	2.2
Classification code	10
Description	UN1950, AEROSOLS, 2.2 (5.1), LTD- QTY
ADR/RID-Labels	5.1

ADR

UN-No.	UN1950
Proper Shipping Name	AEROSOLS
Hazard Class	2.2
Classification code	10
Tunnel restriction code	(E)
Description	UN1950, AEROSOLS, 2.2 (5.1), LTD- QTY
ADR/RID-Labels	5.1

ADN

UN-No.	UN1950
Proper Shipping Name	AEROSOLS
Hazard Class	2.2
Classification code	10
Special Provisions	274, 655, 662
Description	UN1950, AEROSOLS, 2.2 (5.1), LTD- QTY
Hazard Labels	2.2 + 5.1
Limited Quantity	0

Special precautions for user Cans should be transported in strong outside packaging.

Special precautions for user Ensure cans are not exposed to temperatures greater than 120F (as may occur on an enclosed vehicle on a hot day).

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

International Inventories

TSCA	Contact supplier for inventory compliance status.
DSL/NDL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden release of pressure	Yes
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations**SARA Hazard Classifications** • Pressure (Sudden Release of)

State Right To Know				
Component	CAS	MA	NJ	PA
Oxygen	7782-44-7	Yes	Yes	Yes
Maximum Impurities	NDA	No	No	No

16. OTHER INFORMATION

NFPA Health hazards 1 Flammability 0 Instability 1 Physical and Chemical Properties OX
HMIS Health hazards 1 Flammability 0 Physical hazards 0 Personal Protection X

Prepared By Product Stewardship
 23 British American Blvd.
 Latham, NY 12110
 1-800-572-6501

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Disclaimer

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End of Safety Data Sheet